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Task on TensorFlow object detection API

Team's Names:

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Graduation project's name: ADAS

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Requirements:

- Install CUDA , OpenCv , TensorFlow ,and TensorFlow object detection API
- Run demo to detect objects from images
- Edit the provided code of demo in the last step to detect objects from videos instead of images using OpenCV library

-After all installations we run this demo([Link](#)) on different photos

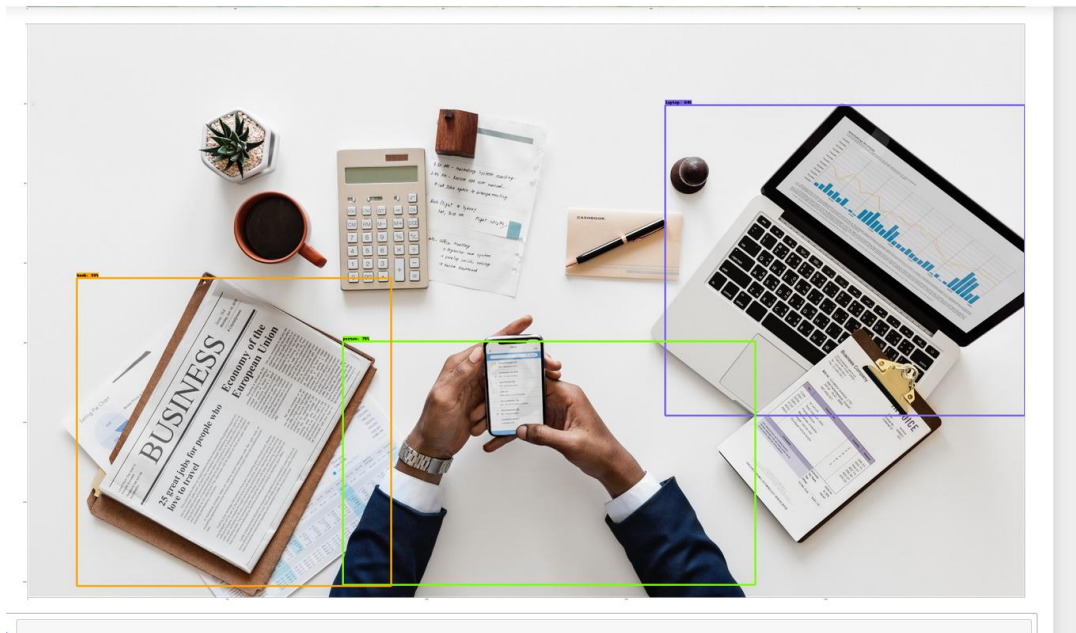
Output :

```
category_index,  
instance_masks=output_dict.get('detection_masks'),  
use_normalized_coordinates=True,  
line_thickness=5)  
plt.figure(figsize=IMAGE_SIZE)  
plt.imshow(image_np)
```



```
line_thickness=5)  
plt.figure(figsize=IMAGE_SIZE)  
plt.imshow(image_np)
```





- then we edited the last demo to detect from video instead of image ,
the new demo ([Link](#))
- After that we downloaded this video([Link](#)) to test on it
- this video show([Link](#)) our test operation .